BRUCE TITTEL
DONALD F. FREI
DAVID J. JOSEPHIC
DAVID S. STALLARD
J. ROBERT CHAMBERS
GREGORY J. LUNN
KURT L. GROSSMAN

KURT L. GROSSMAN
CLEMENT H. LUKEN. JR.
THOMAS J. BURGER
GREGGRY F. A-HRENS
WAYNE L. JACOBS
KURT A. SUMME
KEVIN G. ROONEY
KETH R. HAUFT
THEODORE R. REMAKLUS
THOMAS W. HIJMPHREY
SCOTT A. STINEBRUNER
DAVID H. BRINKMAN

DAVID H. BRINKMAN BEVERLY A. LYMAN, PH.D.

OF COUNSEL JOHN D. POFFENBERGER THOMAS W. FLYNN

## WOOD, HERRON & EVANS, L.L.P.

2700 CAREW TOWER

441 VINE STREET

CINCINNATI, OHIO 45202-2917

TELEPHONE: 513-241-2324

FACSIMILE: 513-421-7289

EMAIL: info@whepatent.com

PATENT, TRADEMARK, COPYRIGHT AND UNFAIR COMPETITION LAW AND RELATED LITIGATION

EDMUND P. WOOD TRUMAN A. HERRON EDWARD B. EVANS

November 11, 2004

FACSIMILE COVER SHEET

JOSEPH R. JORDAN C. RICHARD EBY DAVID E. PRITCHARD

J. DWIGHT POFFENBERGER, JR. KATHRYN E. SMITH KRISTI L DAVIDSON P. ANDREW BLATT, PH.D. DAVID E. JEFFERIES WILLIAM R. ALLEN, PH.D. JOHN PAUL DAVIS DOUGLAS A. SCHOLER BRETT A. SCHATZ DAVID W. DORTON SARAH OTTE GRABER WESLEY L. STRICKLAND (VA. DC BAR ONLY) STEVEN W. BENINTENDI, PH.D.

RANDALL S. JACKSON, JR. TECHNICAL ADVISORS HENRY M. LABODA, PH.D.

RECEIVED CENTRAL FAX CENTER

NOV 1 1 2004

## CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that a total of 3 pages of correspondence for Serial No. 09/523,065 is being facsimile transmitted to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, centralized fax number 703-872-9306, on November 11, 2004.

## The following correspondence is being facsimile transmitted herewith:

"Power of Attorney to Prosecute Applications Before the USPTO" PTO/SB/80 "Statement Under 37 CFR 3.73(b)" PTO/SB/96

Name of Person Faxing Paper: Aimee Harrison

The information in this facsimile message is ATTORNEY-CLIENT PRIVILEGED, WORK PRODUCT and/or CONFIDENTIAL INFORMATION intended only for the use of the individual or entity to whom this message is addressed. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution or reproduction of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by tetephone and return the original message to us at the above address via mail. Thank you.

If transmission is Interrupted or of poor quality, please notify us immediately by calling (513) 241-2324 and ask for the sender's assistant. OUR FAX NUMBER IS (513) 421-7269.

PTO/SB/80 (09-04)
Approved for use through 11/30/2005 OM8 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

## RECEIVED I hereby appoint: CENTRAL FAX CENTER Practitioners associated with the Customer Number: 26,875 NOV 1 1 2004 Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used): Registration Number Name as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b). Assignee Name and Address: Tokyo Electron Limited TBS Broadcast Center 3-6 Akasaka 5-chome Minato-Ku, Tokyo 107 Japan A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual whose signature and title is supplied below is authorized to act on behalf of the assignee Signature DaleOctober 22, 2004 Hiroshi Telephone 813-5561-7145 Name Title Director, Intellectual Property Dept.

This collection of information is required by 37 CFR 131 and 133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 11.4. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradentark Office, U.S. Department of Commerce. P.O. Box 1450. Alexandria, V.A. 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, 1450, 1450, 142313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

PTO/SB/96 (09-04)

Approved for use through 07/31/2006 OMB 0551-0051
U.S. Patent and Trademark Office;U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection offin ormation unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)		
Applicant/Patent Owner: Tokyo Electron Limited		
Application No./Patent No.: 09/523,085	Filed/Issue Date: March	10, 2000
Emitled: METHOD AND APPARATUS FOR CHARACTERIZATION OF DISTURBERS IN COMMUNICATION SYSTEMS		
Tokyo Electron Limited (Name of Assignee)	, 8 <u>Corporation</u> (Type of Assignee, e.g.,c or	poration, partnership,u niversity, government agency,etc.)
states that it is:  1. // the assignee of the entire right, title, and interest; or		
an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is%		
in the patent application/patent identified above	e by virtue of either.	
A. An assignment from the inventor(s) of the patent application/patent identified above. The assignmentw as recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.		
B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below. Cecilia Galarza, Dan Hernandez, Mark Erickson		
1. From: Inventors listed above To: Voyan Technology  The document was recorded in the United States Patent and Trademark Office at  Real _010660 F rame0613, or for which a copy thereof is attached.		
From: Voyan Technology     To: Tokyo Electron Limited     The document was recorded in the United States Patent and Trademark Office at     Reel 014491, Frame 0.64.9, or for which a copy thereof is attached.		
To:     The document was recorded in the United States Patent and Trademark Office at		
The document was recorded in the United States Patent and Trademark Office at  Reel, Frame, or for which a copy thereof is attached.		
Additional documents in the chain ofti the are listed on a supplemental sheet.		
Copies of assignments or other documents [NOTE: A separate copy (i.e., a true copy	s in the chain of title are attached of the original assignment docum	
The undersigned (whose title is supplied below	s) authorized to act on behalf o	of the assignee.
( ) / / / / / / / / / / / / / / / / / /		November 11, 2004
Signature	e `	Date
Joseph R. Jordan, Esq., Reg. No. 25,686		513-241-2324
Printed or Typed	Name	Telephone Number
Attorney of Record Titte	·	_
11.00		

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to fite (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, hockuding galthering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing 18 burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, V.A. 22313-1450. ON ONT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.A. 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.